

245 431

**NOTICE OF DRAFTPERSON'S
PATENT DRAWING REVIEW**

The drawing filed (insert date) 10/29/99 are

A _____ A _____ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.

~~B~~ _____ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

ECOPRO

1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings: Black ink. Color.
 _____ Color drawing are not acceptable until petition is granted. Fig(s) _____
 _____ Color and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b).
 _____ Photographs are not acceptable until petition is granted.
 _____ 3 full-tone sets are required. Fig(s) _____
 _____ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) _____
 _____ Poor quality (half tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e).
 _____ Paper not flexible, strong, white and durable.
 Fig(s) _____
 _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)
 _____ Mylar, vellum paper is not acceptable (too thin). Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(F). Acceptable sizes:
 _____ 21.0 cm by 29.7 cm (DIN size A4)
 _____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 _____ All drawings sheets not the same size
 Sheets(s) _____

5. MARGINS. 37 CFR 1.84(g). Acceptable margins.
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 Size
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11
 _____ Margins not acceptable. Fig(s) _____
 _____ Top (T) _____ Left (L) _____
 _____ Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h).
REMINDER: Specification may require revision to correspond to drawing changes.
 _____ Views connected by projection lines or lead lines.
 Fig(s) _____
Partial views. 37 CFR 1.84(h)(2).
 _____ Brackets needed to show figure as one entity.
 Fig(s) _____
 _____ Views not labeled separately or properly.
 Fig(s) _____
 _____ Enlarged view not labeled separately or properly.
 Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).
 _____ Hatching not indicated for sectional portions of an object.
 Fig(s) _____
 _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).
 _____ Words do not appear on a horizontal, left to right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) _____
 _____ Views not on the same plane on drawing sheet. Fig(s) _____

9. SCALE. 37 CFR 1.84(k).
 _____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two thirds in reproduction.
 Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l).
 _____ Lines numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality).
 Fig(s) 69-153

11. SHADING. 37 CFR 1.84(m).
 _____ Solid black areas pale. Fig(s) _____
 _____ Solid black shading not permitted. Fig(s) _____
 _____ Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p).
 _____ Numbers and reference characters not plain and legible.
 Fig(s) _____
 _____ Figure legends are poor. Fig(s) _____
 _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) _____
 _____ English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) _____
 _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q).
 _____ Lead lines cross each other. Fig(s) _____
 _____ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t).
 _____ Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u).
 _____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w).
 _____ Corrections not made from PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152.
 _____ Surface shading shown not appropriate. Fig(s) _____
 _____ Solid black shading not used for color contrast.
 Fig(s) _____

COMMENTS

COMMENTS

REVIEWER

ATTACHMENT

REMINDER

If a drawing change may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Direct Description of the Drawings, must likewise be changed. Please make drawing changes in accordance with 37 CFR 1.312 Amendment at the time of submitting drawing changes.

BEST AVAILABLE COPY

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities-37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawing, in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTO-136). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed on separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing of Corrections

Applicant is required to submit acceptable corrected drawings with the application or in response to a statutory notice in the Notice of Allowability (PTO-136). If a correction is identified in the Notice of Allowability, the most changes to be made to the drawings should be submitted in a single amendment. All other types of changes may be made in successive amendments up the cut-off date of the Notice of Allowability, as soon as possible.

Failure to make corrections within or before extended time under 37 CFR 1.136, or failure to file the Amendment to the Notice of Allowability (PTO-136) within or before the time specified in the Notice of Allowability (PTO-136) will result in abandonment of the application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-138

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made other than correction of informalities, unless the examiner has approved the proposed changes.